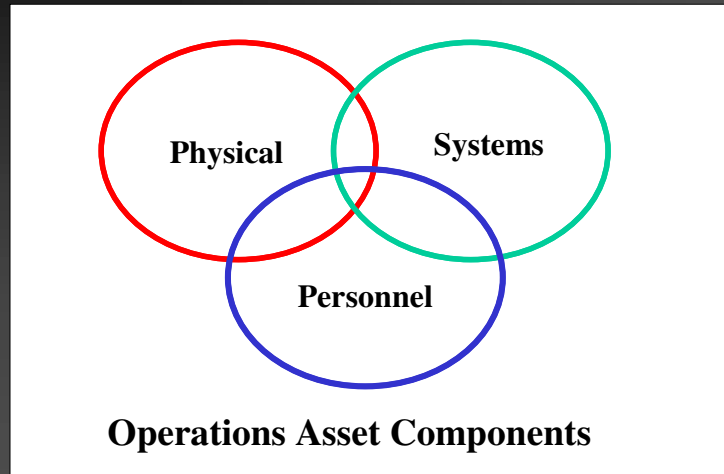# Transportation Operations Asset Management

John Harding

Program Manager

Transportation Operations and Asset Management

Goals, Objectives, and Performance Measures

Mobility	Safety
Reliability	Security

Operations Activities

Incident Management	Freeway Management	Arterial Management	Road Weather Management

Work Zone Management	Freight Management	Emergency Management

Transportation Operations and Asset Management

Physical

Systems

Personnel

Operations Asset Components

Elements of Program

- Program Goal
  - Increase performance through organizational adoption of operations asset management
- Program Outcome
  - Mitigate Congestion through operations asset management resource allocations

Elements of Program

- **Program Objective Areas**
  - Establishment of an Analytical Foundation
    - Needs and Cost ID; LCC; Management of Asset Systems; Data, Performance Measures, and Policies; Investment Science
  - Creation of Operations Asset Management and Linkages to TAM
    - Theoretical framework, Operations Asset Management System, TAM Linkages
  - Institutionalization of Operations Asset Management
    - Working group, Self-assessment tool, Marketing, Training, Workshops

Activities

- **Ongoing**
  - Program Plan and Roadmap
- **Completed**
  - Signal Systems Asset Management State-of-the-Practice Review
  - Elements of a Comprehensive Signals Asset Management System
- **Starting**
  - Identification of Operations Assets
  - Signal System Life Cycle Cost Development and Application

Contact Information

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